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**ATTORNEY'S DOCKET NUMBER: 2004345-0021 (SU-2600 US)**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ballinger, Marcus  
Serial Number: 10/726,967  
Filed: December 2, 2003  
Title: CONSTRUCTS FOR HOMOGENOUSLY PROCESSED  
PREPARATIONS OF BETA SITE APP-CLEAVING ENZYME

Examiner: Swope, Sheridan  
Art Unit: 1652

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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July 1, 2005	_____
Date	Signature
	Nadège M. Lagneau
Typed or Printed Name of person signing certificate	

**TRANSMITTAL LETTER**

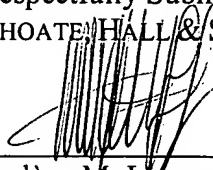
Enclosed please find the following documents:

1. Response to Election/Restrictions Requirement (2 pages); and
2. Return Postcard.

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

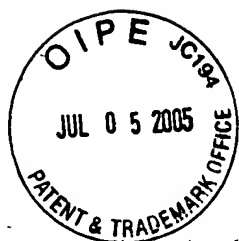
Respectfully Submitted,  
CHOATE, HALL & STEWART LLP

Date: July 1, 2005

  
Nadège M. Lagneau, Ph.D.  
Agent for Applicant  
Reg. No. 51,908

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U.S.S.N. 10/726,967  
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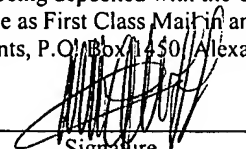


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**RESPONSE TO ELECTION/RESTRICTIONS REQUIREMENT**

This paper is submitted in response to the Election/Restrictions Requirement mailed by the U.S. Patent and Trademark Office on June 7, 2005, in connection with the above-identified application. The deadline for response is July 7, 2005. Thus, Applicant respectfully submits that the filing of this response on July 6, 2005, is timely.

Responsive to the Election/Restrictions Requirement, Applicant elects *Invention II drawn to a polynucleotide encoding a BACE protease polypeptide, vector, and host cell comprising the polynucleotide*. Additionally, Applicant elects the following:

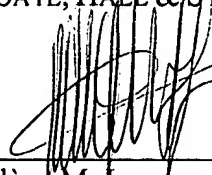
**For the autoproteolysis site:** Applicant elects (C.) SEQ ID No:57, which corresponds to the sequence *EINLETD*;

**For the protease domain:** Applicant elects (J.) SEQ ID NO:52, which corresponds to the sequence *GYVEMTVGSPQTLNILVDTGSSNFAV*; and

**For the prodomain:** Applicant elects (R.) residues 22-41 of SEQ ID NO:1.

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Account No. 03-1721.

Respectfully Submitted,  
CHOATE, HALL & STEWART LLP



Date: July 1, 2005

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